National Chung Cheng University

Department of Information Management

Master Program General Requirements

1. Prerequisites (7 courses): (1) Business Essentials,

 (2) Accounting (I),

 (3) Introduction to MIS,

 (4) Statistics(I),

 (5) Data Structure,

 (6) System Analysis and Design, and

 (7) Database Management.

2. Course Required for Graduation: 36 credits

|  |  |  |  |
| --- | --- | --- | --- |
| Required Courses (18 credits) | First year | Second year | Note |
| Fall  | Spring | Fall | Spring |
| Data Communications & Networks | 3 |  |  |  | ＊Prerequisite of Multivariate Data Analysis: Statistics(I)＊Prerequisite of MIS Research: Introduction to MIS, System Analysis and Design＊Prerequisite of Object-Oriented Systems Analysis and Design: System Analysis and Design |
| Research Method | 3 |  |  |  |
| Multivariate Data Analysis |  | 3 |  |  |
| Electronic Commerce and Applications |  | 3 |  |  |
| Management Information Systems Research |  |  | 3 |  |
| Object-Oriented Systems Analysis and Design |  |  | 3 |  |
| Electives (18 credits) | Fall  | Spring | Fall | Spring |  |
| **Information Management Area** |  |  |  |  | Announced during Course Registration  |
| MIS Project Management |  |  |  |  |
| Internet Marketing Strategy |  |  |  |  |
| Electronic Supply Chain Management |  |  |  |  |
| Enterprise Resource Planning |  |  |  |  |
| Group Support Systems |  |  |  |  |
| Information Systems Reengineering |  |  |  |  |
| Information Technology Management |  |  |  |  |
| Financial Information Systems |  |  |  |  |
| Accounting Information Systems |  |  |  |  |
| Information Economy |  |  |  |  |
| Knowledge Management |  |  |  |  |
| Marketing Information System |  |  |  |  |
| Operation Management Information Systems |  |  |  |  |
| Human Resource Management Systems |  |  |  |  |
| Information and Strategic Management |  |  |  |  |
| Information Security Management |  |  |  |  |
| Online Consumer Behavior |  |  |  |  |
| Customer Relationship Management |  |  |  |  |
| Decision Support Information Systems |  |  |  |  |
| Service and Information Management |  |  |  |  |
| Social Psychological Issue of Digital Game and VR |  |  |  |  |
| Case Studies in MIS |  |  |  |  |
| Finance Technology |  |  |  |  |
| Application and Technology of Internet of Things |  |  |  |  |
| Business Model Innovation & Fintech |  |  |  |  |
| Principles and Businesses of Cryptocurrencie |  |  |  |  |
| Search Engine Optimization |  |  |  |  |
| Cybersecurity in Fintech |  |  |  |  |
| Introduction to Cyberpsychology |  |  |  |  |
| **Information Technology Area rea** |  |  |  |  |
| Advanced Database Management Systems |  |  |  |  |
| AI and Expert System |  |  |  |  |
| Multimedia Systems |  |  |  |  |
| Modelling & Simulation |  |  |  |  |
| Datamining and Application |  |  |  |  |
| Information Security |  |  |  |  |
| Machine Learning |  |  |  |  |
| Analysis and application of Big data |  |  |  |  |
| Image Processing and Applications |  |  |  |  |
| R Language |  |  |  |  |
| Distributed Systems |  |  |  |  |
| FinTech Application and Practice |  |  |  |  |
| **Medical Area a** |  |  |  |  |
| Medical Information System |  |  |  |  |
| Electronic Patient Record |  |  |  |  |
| Medical Marketing Research |  |  |  |  |
| Medical Quality Management |  |  |  |  |
| Healthcare Information Systems |  |  |  |  |
| Healthcare Decision Support Systems |  |  |  |  |
| Management for Healthcare Organizations |  |  |  |  |  |
| Health Insurance |  |  |  |  |
| Introduction to Healthcare Systems |  |  |  |  |
| Healthcare Organizational Management |  |  |  |  |
| TeleHealth Care |  |  |  |  |
| Long term care Management Information Systems |  |  |  |  |
| Medical Datamining |  |  |  |  |
| Application and Analysis of Medical Big Data |  |  |  |  |
| **Enterprise Practice In** |  |  |  |  |
| Practice of Information Management ( I ) |  |  |  |  |
| Practice of Information Management ( II ) |  |  |  |  |
| Practice of Information Management ( III ) |  |  |  |  |
| **Others** |  |  |  |  |
| Law in Science and Technology |  |  |  |  |
| English Scientific Paper Writing |  |  |  |  |
| SEM Structural Function Modelling |  |  |  |  |
| Study on Applications of Statistical Analysis |  |  |  |  |

3. A master thesis.

4. English Proficiency: Meeting the minimum requirements of one of the following certified English tests

(1) TOEFL-ITP: 527,

(2) TOEFL-IBT: 65,

(3) GEPT: Primary stage of High-Intermediate level,

(4) GEPT: Secondary stage of Intermediate level,

(5) TOEIC: 650,

(6) IELTS: Level 6.0,

(7) FLPT: 195,

(8) (BULATS）ALTE: Level 3,

1. Cambridge Main Suite: First Certificate in English (FCE).

5. Six hours or above of ‘Academic Ethics Education Courses’ on Taiwan AREE’s online platform.

**6. Instructors at least one of whom is a full-time member of the department.**

本系研究生選妥指導教授一至二人（經其簽名同意），其中至少一人為本系專任教師。

**7. Please download the prerequisite courses credit form from the department website.**

欲抵免先修抵免單請至系網下載。

**8. Prerequisite courses must be taken in the courses offered by the department, except for Accounting (I), Introduction to Business, and Statistics (I), which are supported by the Department of Accounting and Information Technology, the Department of Business Administration, and the Department of Finance and Banking.(Only be taken in classes that are indicated as supporting the department).**

先修課程必須修習本系所開設之課程，除會計（一）、企業概論、統計(一)分別由會資系、企管系、財金系支援而須至外系修習外(且僅能修習有註明支援本系之班別)。

**9. Students can attain the courses from other department as the elective course, but** **at most 6 credits can be admitted which provided the instructor approves and signs the course list for the current semester and submits it to the department office for retention. The deadline is one week before the end of the course selection.**

每位碩士班於修業期間，可至外所修習選修課程至多6學分，且該6學分可納入畢業學分，但選修外所課程須獲得指導教授同意，並請指導教授於當學期選課單之該門科目旁空白處簽名後，繳交至系辦留存。繳交期限為加退選結束前一個禮拜截止。

**參考成大**

**10. If you fail a required course in the department, you will not be allowed to finish it outside the school and must retake it in your own department.**

研究所必修課若不及格，不得至外系所選修，必須於本系重修

**11. Students in first year of master degree are not allowed to take the required courses which open in second year of master degree.**

必修課不得上跨年級修課